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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/724,815
				Filing Date	November 28, 2000
				First Named Inventor	Alexandre N. Terentiev
				Art Unit	1723
				Examiner Name	Tony Soohoo
Sheet	1	of	1	Attorney Docket Number	642-001

U.S. PATENT DOCUMENTS						C/ASS SUP
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TG	1	US-	3,187,235	06-01-1965	T. G. Berlincourt et al.	
TG	2	US-	4,116,017	09-26-1978	Oberpriller	
TG	3	US-	4,300,356	11-17-1981	Notaro et al.	
TG	4	US-	4,363,773	12-14-1982	Mine	
TG	5	US-	4,711,582	12-08-1987	Kennedy	
TG	6	US-	4,770,007	09-13-1988	Murai et al.	
TG	7	US-	5,113,165	05-12-1992	Ackermann	
TG	8	US-	5,298,875	03-29-1994	Laibowitz et al.	
TG	9	US-	5,524,441	06-11-1996	Herrmann et al.	
TG	10	US-	5,861,574	01-19-1999	Kotani et al.	
TG	11	US-	6,107,905	08-22-2000	Itoh et al.	
TG	12	US-	3,187,236	06-01-1965	D.H. Leslie	
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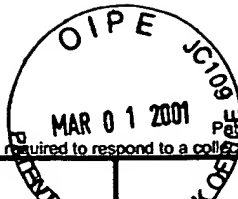
FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)				
TB	12		DE3927045	07-12-1990	Pietsch, Frank D.		
TB	13		DE4201693	04-08-1993	Pertsch, Thomas		
TB	14		FR2696949	04-22-1994	Llinares, Yvan et al.		
TB	15		DE4413463	10-19-1995	Kaufmann, Klaus		
TB	16		DE19643844	05-07-1998	Bornemann, Hans		

Examiner Signature	T. Soohoo	Date Considered	11-30-02
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	6	Application Number	09/724,815
				Filing Date	November 28, 2000
				First Named Inventor	Alexandre N. Terentiev
				Group Art Unit	1723
				Examiner Name	Tony Soohoo
				Attorney Docket Number	642-001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	<div style="border: 1px solid black; padding: 5px; text-align: center;"> RECEIVED MAR 05 2001 TC 1700 </div>
		Number	Kind Code ² (if known)			
TL	1	2,733,857		J.W. Beams	02-07-1956	
HL	2	2,810,556		I.V. Zozulin	10-22-1957	
BL	3	3,422,765		K.F. Schoch	01-21-1969	
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BL	5	3,598,456		R. Love	08-10-1971	
CS	6	3,608,088		Dorman et al.	09-28-1971	
BL	7	3,647,324		Rafferty et al.	03-07-1972	
BS	8	3,689,033		Holmstrom et al.	09-05-1972	
TL	9	3,771,910		Laing	11-13-1973	
RL	10	3,778,122		Doll et al.	12-11-1973	
TL	11	4,044,567		Dix et al.	08-30-1977	
BS	12	4,080,112		Zimmerman	03-21-1978	
TL	13	4,123,676		Cooper et al.	10-31-1978	
KS	14	4,135,253		Reich et al.	01-23-1979	
TL	15	4,184,090		Taiani et al.	01-15-1980	
TL	16	4,185,617		Hutchins	01-29-1980	
TL	17	4,204,774		de Bruyne	05-27-1980	
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TL	20	4,339,680		Flecher et al.	07-13-1982	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 6

Complete if Known

Application Number	09/724,815
Filing Date	November 28, 2000
First Named Inventor	Alexandre N. Terentiev
Group Art Unit	1723
Examiner Name	Tom Shohoo
Attorney Docket Number	642-001

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
AB	61	5,567,672		Terentiev et al.	10-22-1996	
AB	62	5,575,630		Nakazawa et al.	11-19-1996	
AB	63	5,683,231		Nakazawa et al.	11-04-1997	
AB	64	5,692,882		Bozeman, Jr. et al.	12-02-1997	
AB	65	5,722,303		Hull et al.	03-03-1998	
AB	66	5,747,426		Abboud	05-05-1998	
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AB	68	5,779,359		Gambrill et al.	07-14-1998	
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AB	70	5,831,362		Chu et al.	11-03-1998	
AB	71	5,848,532		Gamble et al.	12-15-1998	
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AB	78	6,071,093		Hart	06-06-2000	
AB	79	6,074,180		Khanwilkar et al.	06-13-2000	
AB	80	6,118,199		Lembke et al.	09-12-2000	

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**Examiner
Signature**

T. Sohou

Date	
Considered	

11-30-02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

Complete if Kn wn

Application Number	09/724,815
Filing Date	November 28, 2000
First Named Inventor	Alexandre N. Terentiev
Group Art Unit	1723
Examiner Name	Tony Soohoo
Attorney Docket Number	642-001

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FOREIGN PATENT DOCUMENTS

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Signature**

T. Souther

Date	
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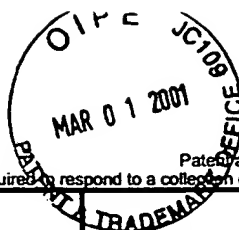
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/724,815
				Filing Date	November 28, 2000
				First Named Inventor	Alexandre N. Terentiev
				Group Art Unit	1722
				Examiner Name	Tony [unclear]
Sheet	6	of	6	Attorney Docket Number	642-001

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TS	1	HULL, JOHN, R., "Superconducting Bearings," Superconductor Science and Technology, Vol. 13, Number 2, (pages R1-R15). NO DATE.
TS	2	TIXADOR, PASCAL; TEMPE ALEXIS; GAUTIER-PICARD, PIERRE; CHAUD, X.; BEAUGNON, ERIC, "Electrical Motor with Bulk Y-Ba-Cu-O Pellets," IEEE Transactions on Applied Superconductivity, Vol. 7, No. 2, June 1997, (pages 896-899).
TS	3	TIXADOR, P.; HIEBEL, E.; CHAUD, X.; BEAUGNON, E., "Superconducting Coupling Device," Cryogenics 1995, Volume 35, Number 9, (pages 567-572).
TS	4	O'CONNOR, LEO, "Active Magnetic Bearings Give Systems a Lift," Mechanical Engineering, American Society of Mechanical Engineers (New York), Vol. 114 (No. 7), p. 52, (July 1, 1992).
TS	5	TERENTIEV, ALEXANDRE, N., "SC Levitator for Room Temperature Environment," Cold Facts, Vol. 14, No. 1, Winter 1998 (p. 19).
TS	6	TERENTIEV, ALEXANDRE, N., "Cryostat for Superconducting Levitation of a Rotor in a Room-Temperature Environment," Bulletin of the American Physical Society Program of the 1998 March Meeting, Vol. 43, No. 1.

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Sheet 1 of 2

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Application Number 09/724,815
Filing Date November 28, 2000
First Named Inventor Alexandre N. Terentiev
Group Art Unit 1723
Examiner Name Tony Soohoo
Attorney Docket Number 642-001

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
TS	1	2,506,886		G.J. Okulitch et al.	05-09-1950	
TS	2	3,888,466		Sedam	06-10-1975	
TS	3	3,981,803		Coulthard	09-21-1976	
TS	4	4,199,265		Sanderson et al.	04-22-1980	
TS	5	4,209,259		Rains et al.	06-24-1980	
TS	6	4,483,623		Eaton et al.	11-20-1984	
TS	7	4,498,785		de Bruyne	02-12-1985	
TS	8	4,557,377		Maloney	12-10-1985	
TS	9	4,568,195		Herz et al.	02-04-1986	
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TS	17	5,240,322		Haber et al.	08-31-1993	
TS	18	5,240,323		Haber et al.	08-31-1993	
TS	19	5,267,791		Christian et al.	12-07-1993	
TS	20	5,368,390		Gambrill et al.	11-29-1994	

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FOREIGN PATENT DOCUMENTS

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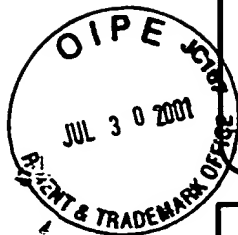
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PS	21	5,385,546		Kriesel et al.	01-31-1995	
PS	22	5,385,564		Slater et al.	01-31-1995	
PS	23	5,393,142		Meier	02-28-1995	
PS	24	5,407,272		Meier	04-18-1995	
PS	25	5,533,804		Larsson et al.	07-09-1996	
PS	26	5,586,823		Carr	12-24-1996	
PS	27	5,676,462		Fraczek et al.	10-14-1997	
PS	28	5,758,965		Gambrill et al.	06-02-1998	
PS	29	5,779,359		Gambrill et al.	07-14-1998	
PS	30	5,794,802		Caola	08-18-1998	
PS	31	5,941,867		Kao	08-24-1999	
PS	32	6,065,865		Eyraud et al.	05-23-2000	
PS	33	6,206,562		Eyraud et al.	03-27-2001	

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T. Soohoo

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STATEMENT BY APPLICANT**

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Sheet 1 of 3

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Group Art Unit	1723
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BS	1	4,264,215		Nunlist et al.	04-28-1981	
BS	2	4,266,950		Makino et al.	05-12-1981	
BS	3	4,355,906		Ono	10-26-1982	
BS	4	4,417,772		Robinson	11-29-1983	
BS	5	4,615,662		Laing	10-07-1986	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature

t. Soohoo

Date Considered

11-30-02

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Sheet 2 of 3

Complete if Known

Application Number	09/724,815
Filing Date	November 28, 2000
First Named Inventor	Alexandre N. Terentiev
Group Art Unit	1723
Examiner Name	Tony Soohoo
Attorney Docket Number	642-001

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